

MISSISSIPPI VALLEY CHAPTER 123 ASHRAE



Seminar Announcement

March 18, 2010

Building Construction & HVAC: “Build Tight & Ventilate Right”

“Building projects may benefit from greater insulation levels, but wall assemblies AND HVAC SYSTEMS must be a coordinated design to manage moisture (up-down-and sideways) or moldy disasters may develop from your design.”

Speaker:

The speaker will be JOSEPH LSTIBUREK, B.A.Sc., M.Eng., Ph.D., P.Eng. He is a principal of Building Science Corporation and a building scientist who investigates building failures. He is internationally recognized as an authority on moisture related building problems and indoor air quality. He is an ASHRAE Fellow. He is the past chairman of ASTM E241 - Increasing the Durability of Building Assemblies from Moisture Induced Damage and a contributor and reviewer of Chapters 21 and 22 of ASHRAE Fundamentals. He is a voting member of ASHRAE Standard 62.2 – Ventilation for Acceptable Indoor Air Quality. He has appeared on PBS NOVA (“Can buildings make you sick?”). He is the author of the

U.S. DOE Handbook on Moisture Control and a special contributor to the EPA guidance document on Building Air Quality: A Guide for Building Owners and Facility Managers.

Dr. Lstiburek is a noted authority on energy efficient construction techniques and heads one of the four Building America program teams for the U.S. Department of Energy. He is the developer of ADA (the Air Drywall Approach to air barriers). He is a former Director of Research of the Housing and Urban Development Association of Canada.

Dr. Lstiburek has written numerous books and technical papers on building construction and has conducted forensic investigations and served as an expert witness on building failures all over the U.S. He is an expert in the areas of rain penetration, air barriers, vapor barriers, air quality, durability and construction technology. He specializes in mold and microbial contamination of buildings.

Dr. Lstiburek received an undergraduate degree in Mechanical Engineering, a master’s in Civil Engineering, and a doctorate in Building Science from the University of Toronto. Dr. Lstiburek has

been a licensed Professional Engineer since 1982.

DATE: Thursday March 18, 2010

LOCATION: Steeplegate Best Western Inn
N. Brady (Hwy 61 Exit) & I-80 100 W 76th Street,
Davenport, Iowa, (phone 563-386-6900)

TIME: 7:30 a.m.-4:00 p.m.

**COST: \$180 until 11 Mar 10
\$200 at the door
Students \$30**

Make checks payable to “**Mississippi Valley Chapter ASHRAE**”.

Reservations:

Click on website for more information or to register:

<http://www.mississippivalleyashrae.org/seminars/seminars.htm>

Fee includes

- Lunch & 2 breaks with refreshments.
- Pertinent pages Manuals
- Eligibility for 7 Professional Development Credit Hours (PDH) for engineers — and 7.5 LU/HSW units for architects.

For information Call Bruce L Davis at 309-765-4486, 309-765-4026 (fax) or (email DavisBruceL@JohnDeere.com)

Mail in registration form with check by 10 March 2010 to:

ASHRAE Seminar
C/O Andy Sirois, Hart Hammer Inc.
5547 Carey Ave., Davenport, Iowa 52807
(563) 388-7889 x102; (563) 388-7848 Fax
Andy@HartHammer.com

<See registration form other side>

Agenda: "Building Construction and HVAC – "Build Tight – Ventilate Right"

7:30am Registration open, Coffee and rolls

8:00 am Welcome – *Patrick Igou, Chapter President*

Moderator – Bruce L Davis

8:05 am "Psychrometrics - Dew points for Dummies"

9:10 am ".Building Materials, Moisture Migration, and Control"

10:10 am Break – beverages

10:25 am "Climate Effects - What's different from Alaska to Florida?"

11:45 am Hot Buffet Sit-down Lunch

12:30 pm "Building Assembly - How HVAC Systems and Bldg Constructions Interact"

1:40 pm "What to do With a Problem Building - Learning from Mistakes" Q&A (Bring your own building enclosure disaster story)

2:40 pm Break

3:00 pm "Applied Moisture Control - Do it Right the First Time"

4:00 pm Conclusion

<Registration form>

> Download online at www.mississippivalleyashrae.org

ASHRAE Seminar - March 18, 2010
Steeplegate Best Western Inn
N. Brady (Hwy 61 Exit) & I-80
100 W 76th Street
Davenport, Iowa 52806

Registration Information:

Please complete and send with payment to:

ASHRAE Seminar
C/O Andy Sirois; Hart Hammer Inc.,
5547 Carey Ave. Davenport, Iowa 52807
Andy@HartHammer.com

\$180 through **March 11, 2010** and **\$200** thereafter
(Seating is limited)

Name _____

Company Name _____

Occupation _____

Address _____

City _____

State/Zip _____

Phone # _____

Email _____

Enclosed is my check for \$ _____ payable to Mississippi Valley ASHRAE

(Address Label space)